

Information

June 16th 2023

FFI Fordonsstrategisk
Forskning och
Innovation

WHAT IS FFI?

- Funding programme for research and innovation focusing on sustainable road transport.
- Approximately SEK 1 billion per year. The state accounts for half of the funding.

Mission

FFI empower innovation for road transport aiming for a sustainable society

Vision

Sweden leads the global transition to sustainable road transport

Agreement between the automotive industry and the Swedish government

AB Volvo

FKG

Scania CV

Volvo Car Group

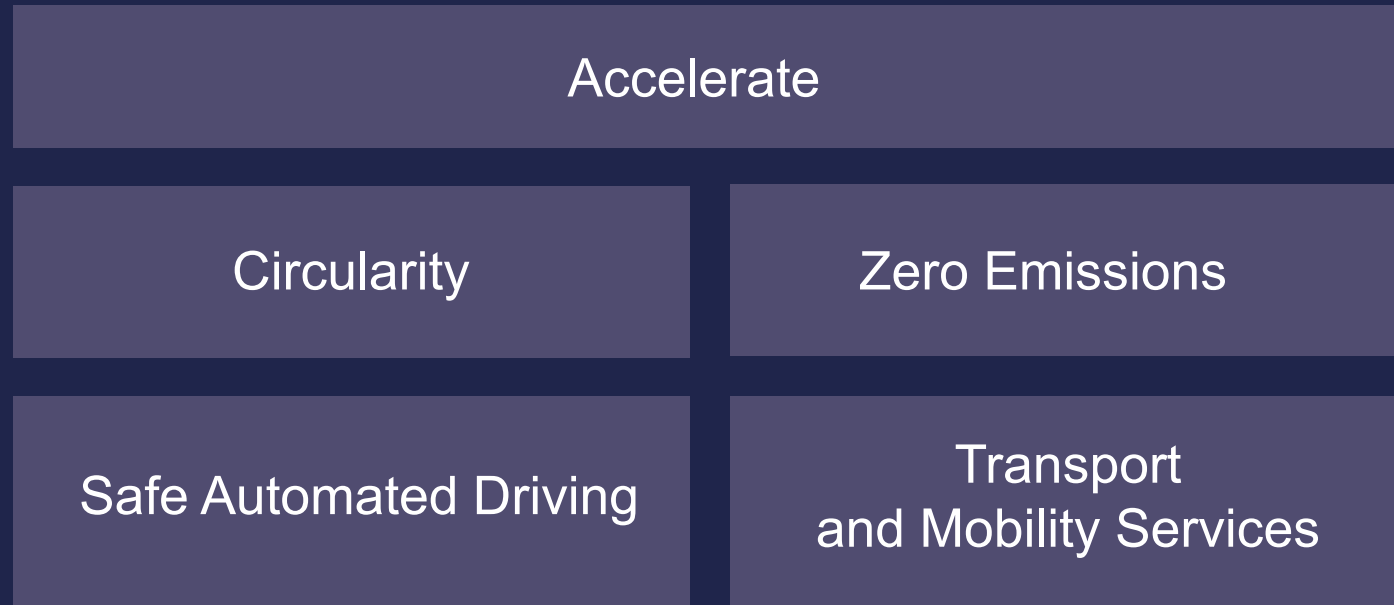
Swedish Energy Agency

Swedish Traffic Administration

Vinnova

(Mobility Sweden co-opted party)

FIVE SUBPROGRAMES



420 msek/year

Two calls for proposals/year

FFI CIRCULARITY

The mission of the programme is to minimise climate and environmental impacts from a life-cycle perspective and to strengthen sustainability throughout the value chain linked to the development, production and decommissioning of vehicles, including their components.

FOCUS AREAS

1. Design for circularity

- E.g. Optimising the lifetime of products, materials and components. Or taking responsibility for the whole value chain, through circular business models. A competence shift is needed throughout the chain; development, manufacturing and recycling and reuse.

2. Social sustainability throughout the value chain

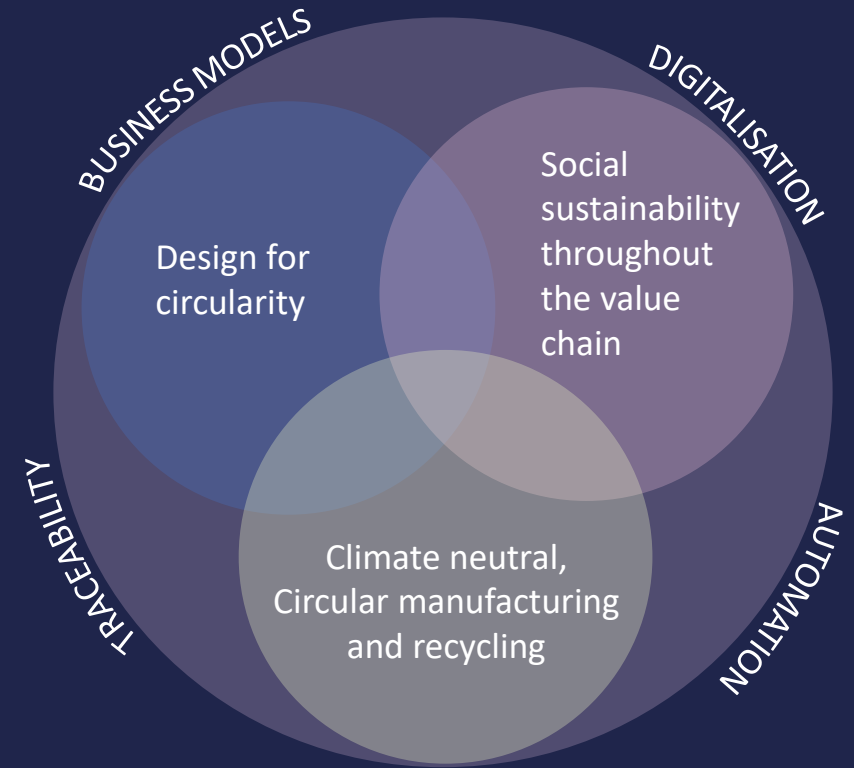
- E.g. ethical and social aspects of sustainability. Or retaining employees and attracting new skills through solutions and technologies for physical and cognitive support.

3. Climate neutral, circular manufacturing and recycling

- E.g. New technologies, including adapting to electrification and reducing current environmental footprint. Or Creating conditions for robust production chains.

4. Other areas contributing to the mission of the programme

- E.g. New materials, technologies or methods that radically minimise the environmental impact from development, production and decommissioning of vehicles.

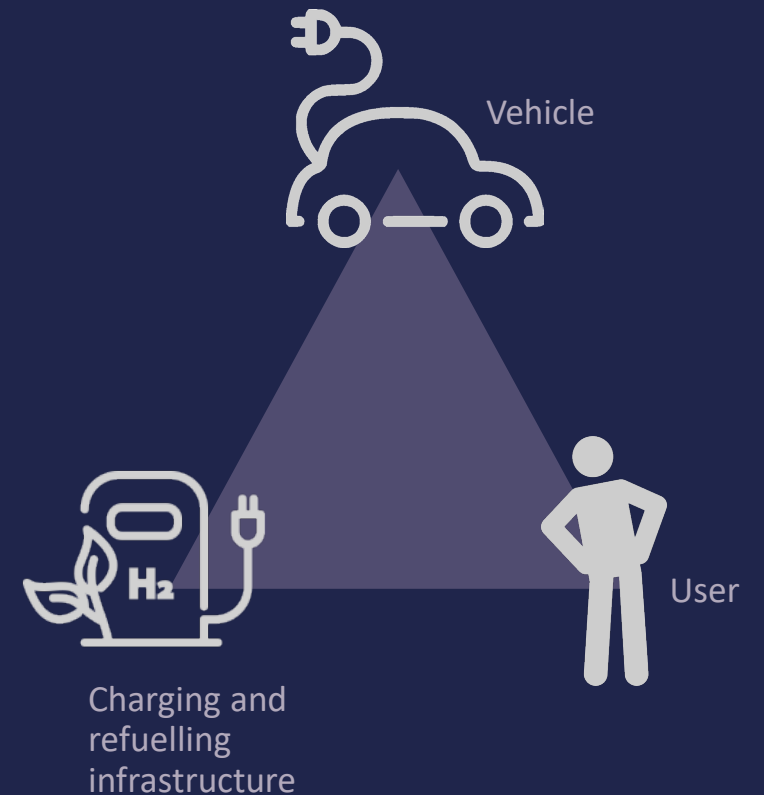


FFI ZERO EMISSIONS

The mission of the programme is to reduce the negative impact of the automotive sector on climate and the environment by developing and integrating zero emission vehicles with their charging and refuelling infrastructure and with its users.

FOCUS AREAS

1. **Efficiency across the value chain from a sustainability perspective**, e.g. for components and systems, where sustainability refers to climate, environment, health and cost, and has a broader perspective on emissions.
2. **Cost reduction balanced with climate benefits** enabling implementation.
3. **Optimised societal benefits by focusing at societal needs**, such as adapting vehicles to behaviour and type of use (rural, urban, shared mobility etc).
4. **Hardware and software optimisation and electrical architecture in vehicles and charging and refuelling infrastructure**, and the impact thereof
5. **Safety**, both in terms of in-vehicle technology solutions and charging and refuelling infrastructure.
6. **New, relatively unexplored areas**, where vehicles are used, for example, for energy storage/flexibility resource.
7. **Power electronics and optimised energy efficiency of the vehicle in the user phase**



FFI SAFE AUTOMATED DRIVING

The mission of the programme is to improve road safety and make transport more sustainable through safe connected automated vehicles prepared for sharing.

FOCUS AREAS

1. Safe automated vehicles
2. Safety for road users inside and outside the vehicle
3. Integration of vehicles and infrastructure for safe transport solutions
4. Enabling methods and technologies with clear application for the development and deployment of safe automation

FFI TRANSPORT- AND MOBILITY SERVICES

The mission of the programme is to develop and test new innovative services and transport solutions that contribute to more efficient use of vehicles and transport systems.

FOCUS AREAS

- **Testing solutions for resource efficient transport systems.** Testing the technical functionality, user-friendliness and integration of innovative transport services and their impact at the system level.
- **Seamless intermodal transport solutions “door-to-door”.** Solutions and services that contribute to more sustainable and equitable accessibility for different user groups by creating more seamless intermodal passenger transport "door-to-door".
- **Seamless freight and goods transport solutions.** Increased efficiency in logistics flows from the first to the last mile through the development of new services and system integrations.
- **New forms of collaboration.** Testing new forms of constellations and partnerships to develop the business innovation capacity of the transport system.
- **Development of digital platforms and enabling technologies from a holistic perspective.** Development of the necessary technologies from a systems perspective needed to build new types of services, business models and digital platforms.

Important to integrate different aspects of system innovation



Practical information

IMPORTANT DATES

- Opens for application 2023-06-13
- Last application date 2023-09-05 kl. 13:59
- Decision given 2023-10-31
- Projects allowed to start earliest 2023-11-01
- Projects allowed to start at latest 2024-02-29



HOW MUCH CAN YOU APPLY?

- Grants of a maximum of 50% for a subprogram
- Individual projects at least 25% funding from the industry
- Maximum amount for prestudies 500 000 sek
- Total budget this application
 - Zero Emissions approx. 56 msek.
 - Circularity approx. 42 msek.
 - Safe automated driving approx. 55 msek.
 - Transport and mobility services 50 msek.



IMPORTANT INFORMATION

- Minimum 2 Project partners
- Read the roadmap and the calls in detail
- Use our templates
- Budgettemplate is removed
- Zero emissions application site [Sök stöd för att utveckla och integrera fossilfria och elektrifierade fordon \(energimyndigheten.se\)](#)
- Application site other subprogrammes [Vinnovas e-tjänster](#)
- Big steps within mature technology
- Small and big steps within unmature technology
- Both depth in reseach and implementation
- Be careful with correct templates for the speficic subprograme
- Be in time
- Don´t hesitate to contact us!



LINKS

- Roadmap– [Färdplan](#)
- Roadmap in English. – [Roadmap](#)
- How to apply – [Så ansöker och rapporterar ni inom FFI | Vinnova](#)
- More about finance and grants - [Regler för Vinnovas finansiering | Vinnova](#)
- Q&A - [Frågor och svar om att söka finansiering inom FFI | Vinnova](#)
- More information on FFI website - www.vinnova.se/ffi

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- FFI: sofia.wieselfors@vinnova.se



Questions?